06-09-2005

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2.	Street Address D.O. Boy 6554741 MS 2000	
3. 4.	Street Addres P.O. Box 655474; MS 3999	
	(1) Name Texas Instruments Inc. Street Addres P.O. Box 655474; MS 3999 City: Dallas State: TX Country: USA Zip: 75265	
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4. Application or patent number(s): A. N/A	✓ This document is being filed together with a new application. B. Patent No.(s)	
A. N/A Additional numbers a	application. B. Patent No.(s) attached? ☐ Yes ☑ No	
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A. N/A Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Peter McLarty	application. B. Patent No.(s) attached? ☐ Yes ✓ No 6. Total number of applications and patents involved: 7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00 ☐ Authorized to be charged by credit card	
A. N/A Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Peter McLarty Internal Address:	application. B. Patent No.(s) attached? ☐ Yes ✓ No 6. Total number of applications and patents involved: 7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00 ☐ Authorized to be charged by credit card	
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A. N/A Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Peter McLarty Internal Address: Company: Texas Instruments Inc. Address: P.O. Box 655474; MS 3999 City: Dallas State TX Zip: 75265 Phone Number (972) 917-4258 Fax Number (972) 917-4418 Email Address princharts 1 @ti. com	application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date: b. Deposit Account Number: 20-0668 Authorized User Name: Peter McLarty	
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06/08/2005 ECBBPER 00000080 200668 01 FC:8021 40.00 BR

> **PATENT REEL: 016660 FRAME: 0393**

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	STATIC RANDOM-ACCESS MEMORY HAVING REDUCED BIT LINE PRECHARGE VOLTAGE AND METHOD OF OPERATING THE SAME		
SIGNATURE OF INVENTOR AND NAME	Theodore W. Houston	(2)	(3)
DATE	5/20/05		
RESIDENCE (City, State)	Richardson, Texas		
DATE APPLICATION EXECUTED	5/20/05		

After recordation, please return Assignment to:

(Peter McLarty)
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dailas, TX 75265

PATENT RECORDED: 06/02/2005 REEL: 016660 FRAME: 0394